# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

•	UTILITY
PATI	ENT APPLICATION
-	TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	2328.2003-002
First Named Inventor or Application Identifier	Sukant Tripathy
Express Mail Label No.	EV 214957874 US

Title of POLYMERIZATION OF AROMATI	C MONOMERS USING DERIVATIVES OF HEMATIN
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
<ol> <li>[X] Fee Transmittal Form         (Submit an original, and a duplicate for fee processing)</li> <li>[X] Specification Total Pages [25]         (preferred arrangement set forth below)         <ul> <li>Descriptive title of the invention</li> <li>Cross References to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> <li>Reference to sequence listing, a table, or a computer program listing appendix</li> <li>Background of the Invention</li> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> <li>Detailed Description</li> <li>Claim(s)</li> </ul> </li> </ol>	6. [] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. [] Computer Readable Form b. [] Paper Copy (identical to computer copy)  [] Pages c. [] Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  7. [] Assignment Papers (cover sheet & documents)  [X] Assignee - 1) University of Massachusetts Lowell-Lowell, MA
- Abstract of the Disclosure  3. [X] Drawing(s) (35 U.S.C. 113) Total Sheets [15] [X] Fig. of the Drawings for Publication [1] [ ] No Figure to be Published	2) Government of the United States, as represented by the Secretary of the Army  8. [] Power of Attorney [] 37 C.F.R. 3.73(b) Statement  9. [] English Translation Document (if applicable)
4. [X] Oath or Declaration Total Pages [6]  a. [] Newly executed (original or copy)  b. [X] Copy from a prior application (37 C.F.R. 1.63(d))  (for continuation/divisional with Box 17 completed)  i. [] DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2)  and 1.33(b).  5. [] CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	10. [X] Information Disclosure Statement (IDS)/PTO-1449  11. [ ] Preliminary Amendment  12. [X] Return Receipt Postcard  13. [ ] Small Entity Statement(s)  14a. [ ] Foreign Priority Claim under 35 U.S.C. §119 or 365  14b. [ ] Certified Copy of Priority Document(s)  15. [ ] Nonpublication Request (check parent application)  16. [X] OtherRemarks Letter
Prior application information: Examiner: Truong, D.	ation-in-part (CIP) of prior application No.: 09/994,998  Group Art Unit: 1711  ed a part of the disclosure of the accompanying application and is
NAME Customer No. 021005  HAMILTON, BROOK, SMITH & REYNO ADDRESS 530 Virginia Road, P.O. Box 9133	ONDENCE ADDRESS OLDS, P.C.
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Signature	Dest a Ficker	Date	4-16-04
Submitted by Typed or Printed Name	Jesse A. Fecker	Reg. Number	52,883



# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

FEE TRANSMITTAL FOR PATENT APPLICATIONS		Attorney Docket Number		2328.2003-002				
		Application Number		Divisional of 09/994,998				
		First Named Inventor		Sukant Tripathy				
CLAIM CA	LCULATION (includes any pr	eliminary amendment)	1			·		
CLAIMS	(1) FOR	(2) NUMBER FILED	2) NUMBER FILED (3) NUMBER (4) RATE EXTRA			(5) CALCULATIONS		
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	19 – 20* =	0	x \$ 18	8 = \$	0		
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	1 - 3**=	0	x \$8	6 = \$	0		
	MULTIPLE DEPENDENT CLA	MS (if applicable) (37 C	FR 1.16(d))	+ \$ 29	0 = \$			
		BASIC FEE (37 CFR 1.16(a) or (h))			SIC FEE S(a) or (h))	770		
				Total of above Calcula	ations = \$	770		
	ļ	Reduction by 50% for filin	g by small entit	y (37 CFR 1.9, 1.27, 1	1.28) = \$			
				ТС	OTAL = \$	770		
t w	Surc	charge - Late Filing of De	claration or Filir	ng Fees (37 C.F.R. 1.1	16(e)) = \$			
		Petition 1	for Extension of	Time Fee (37 C.F.R.	1.17) = \$			
			As (on	ssignment Recordation ly when filed with appl	n Fee =   lication) \$			
					[Other] \$			
	* Reissue claims in excess of 20 ** Reissue independent claims over	and over original patent er original patent		тс	OTAL = \$	770		
1. Small	entity status:							
•	a. [ ] A small entity sta	tement is enclosed.						
	b. [ ] A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.							
	c. [ ] Is no longer claim	ned.				,		
	A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.							
3. [X]	A check is enclosed for \$770. [ ] Please charge \$[ ] to Deposit Account No. 08-0380.							
4. []	Other:							
_						{		
Signature Date 4-						54		
Submitted by Typed or Printed Name Jesse A. Fecker Reg. Number						3		

#### PATENT APPLICATION Attorney's Docket No.: 2328.2003-002

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sukant Tripathy, Lynne A. Samuelson, Ferdinando F. Bruno, Sucharita Roy, Ramaswamy Nagarajan, Jayant Kumar, Bon-Cheol Ku, and Soo-Hyoung Lee

Divisional Application of

Application No.: 09/994,998

Filed:

November 27, 2001

For:

POLYMERIZATION OF AROMATIC MONOMERS USING DERIVATIVES OF

**HEMATIN** 

Date: 4/16/04

EXPRESS MAIL LABEL NO. EV 214957874 US

## **REMARKS**

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The above-captioned application is a divisional of application number 09/994,998 filed on November 27, 2001 to which priority is claimed under 35 U.S.C. §120.

The specification of the present application is substantially the same as that of the parent application. A related applications paragraph has been added as the first paragraph in the specification. No new matter has been added.

Claims 1-5 and 25-45, as presented in the parent application, have been omitted and remaining Claims 6-24 have been renumbered sequentially beginning with Claim 1. A newly executed declaration under 37 C.F.R. 1.63 is not believed to be necessary under 37 C.F.R. 1.63(d) or 1.67(b).

Pursuant to the duty of disclosure, Applicants hereby note that Claims 1-5 and 45 of parent application number 09/994,998 were rejected under 35 U.S.C. § 102(b) and/or § 103(a) over Chem Abstract 128: 162418. The cited reference is not believed to be relevant to the instant

claims, as the cited reference does not teach or otherwise suggest a method of preparing an aromatic monomer by combining an aromatic monomer with a derivatized hematin catalyst.

Applicants further note that the claims being filed with the instant application were deemed, in the Restriction Requirement mailed March 4, 2003, to be patentably distinct over the claims rejected in the parent application.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Concord, MA 01742-9133 Dated: 4-6-04